

# CSWC Operational Period Summary

## 0600 May 26 2015 to 1800 May 26 2015



Refugio Oil Spill.

Photo Credit: Javier Panza / Twitter

Note: [Report changes/updates are in blue](#)



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# SITUATION SUMMARY

## SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- Mission opened in Cal EOC: **2015-05-19 Santa Barbara Refugio Oil Spill Incident.**
- The CSWC conducted all appropriate notifications, including but not limited to local government agencies.

## **Proclamations**

- Governor Brown Declares State of Emergency in Santa Barbara County to Assist Oil Spill Response.
- <http://gov.ca.gov/news.php?id=18967>
- A Proclamation from Santa Barbara County has been received. The County is not requesting CDAA at this time.
- On 05/22/15 City of Goleta submitted a Proclamation of Local Emergency. The City is not requesting CDAA at this time.
- On 05/23/15 the University of California Santa Barbara submitted a Proclamation of Campus Emergency with no requests at this time.

## **Activations**

On 05/26/15:

- The State Operations Center is activated at Level 1.
- The Southern Region Emergency Operations Center (REOC) is activated at Level 1.
- Santa Barbara EOC is activated at Level 3 from 0600 hours to 2300 hours.
- The EOC is being used for the ICP, and has an Operational Period of 24 hours – 0600 to 0559 hours.

# **SITUATION SUMMARY**

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## **Deployments**

- Unified Command
  - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
  - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
  - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
  - Tribal Coordination: Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.
  - Responsible Party: Plains All American Pipeline LLC.
- Cal OES Deployments
  - Southern Deputy Regional Administrator
  - ESC from Cal OES Southern Region, Ports and Harbor Representative
  - Two (2) ESC from Cal OES Southern Region, Agency Representative
  - Three (3) Cal OES PIO
  - Region I Fire and Rescue Assistant Chief

# **SITUATION SUMMARY**

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### **Responding Agencies**

#### **Federal**

- USCG, Pipeline and Hazardous Materials Safety Administration (PHMSA), EPA, US Fish and Wildlife, and NOAA.

#### **State**

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, Cal Volunteers, California Conservation Corps, and California Coastal Commission.

#### **Local**

- Santa Barbara County OEM, Santa Barbara County Fire Department, Santa Barbara Sheriff's Office, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl, Santa Ynez Chumash Tribe , and the Gaviota Police Department.

### **Beach and Campground Closures**

- Refugio Beach camp ground and El Capitan state beach will remain closed through 06/04/15 or until deemed safe and staged equipment is removed.
- [Plover Beach has been closed until further notice to protect the nesting Snowy Plover.](#)

### **Road Closures (Lane Reduction)**

- Highway 101 – The shoulder of highway 101 is intermittently closed for clean-up vehicle parking.

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### **Tribal**

- Per the Cal OES Tribal Liaison:
  - The Santa Ynez Chumash Tribe (a Federally recognized Tribe) is now impacted and has sent a representative to the ICP.
    - The representative is the cultural monitor for the Tribe.
    - The Cal OES Southern Region ESC and Tribal Advisor, are in close contact with Santa Ynez Chumash Tribe to ensure proper consultation with the Federally recognized Tribe.
  - Cal OES Tribal Advisor reached out to the consultant for the three Non-Federally-recognized Clans (Barbareno, Coastal and Southern Owl) , and confirmed she is working directly with the Unified Command group to ensure that the three clans cultural sites are being protected.
  - A Southern Owl Clan member contacted the State Historic Preservation Office (SHPO) and CA Native American Heritage Commission (CNAHC) advising them that these clans have cultural sites in the impacted zone of this event.

### **Access and Functional Needs**

- Cal OES has coordinated a sign-language interpreter to assist with the Press Briefings.

### **Health and Medical**

- California Department of Fish and Wildlife closed affected fishing areas.
- Center for Toxicology & Environmental Health, LLC (CTEH) is conducting air monitoring. There have been no reports of inhalation concerns and no records of chemicals that could cause long term health effects. No reports of injuries from public or responders.

### **Economic Impacts**

- The Cal OES Southern Region and Individual Assistance Branch staff are coordinating the collection of data related to the economic impacts to locals businesses due to the oil spill. Cal OES has forwarded the Estimated Economic Injury Worksheet for Businesses to Santa Barbara County OEM staff to assist with this effort and determine if businesses within the County qualify for Economic Injury Disaster Loans (EIDLs).

### **Third-Party Claims**

- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill. Claim Phone Number: 866-753-6391. To date, no claims have been reported to the National Pollution Fund Center.

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## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Environmental Impacts**

- Fishery Closure area expanded and now extends from Canada de Alegeria at the western edge to Coal Oil Point at the eastern edge and out to 6 miles seaward.
- California Department of Fish and Wildlife submitted a declaration of Fishery Closure on 05/21/15 due to a public health threat caused by the oil spill. OSPR has ordered a ban on fishing and the taking of shell fish in the spill area.
- On shore Patriot Environmental has 73 personnel doing protective works.
- The following areas have been cleared by cleaning crews:
  - Gaviota Creek
  - El Capitan Creek
  - Las Llagas
  - Tecolote Creek
  - Bell Canyon Creek
  - Deveraux Creek
  - Corral-La Flores Creeks
  - Arroyo Hondo Preserve and Creek
  - Eagle Canyon
- The following area has not yet been cleared:
  - Refugio Creek (spill site) – boomed

### **Wildlife**

- The Wildlife Care Network continues to conduct wildlife monitoring and recovery efforts. As of 1800 hours on 05/24/15, the OCWN has received reports of 25 birds captured, 13 birds DOA (total of 38 birds), 18 mammals captured, and 8 oiled mammal DOA (total of 26 mammals).
- Freshwater lagoon drainages in the affected area have berms installed. Berms remain intact and provide protection for sensitive species from oil.

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### **Pipeline Information**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
  - Per PHMSA, a Corrective Action Plan was submitted on 05/21/15 and will require the Responsible Party to remove all oil from the pipeline within 10 days.
  - To date, 550-600 barrels of product has been removed from the pipeline which is equivalent to approximately 23,100-25,200 gallons.
  - The investigation of the pipeline will be ongoing for approximately four (4) months
  - The exact amount of oil release is unknown but is estimated between 31,000 gallons to 105,000 gallons as a worst case scenario.
  - The worst case scenario spill volume has been reduced based on the amount of oil recovered from the damaged pipeline. The new worst case scenario volume is estimated at 101,000 gallons.
  - Unified Command approved the plan to remove section of the ruptured pipe on 05/25/15. Work on the pipe has started and they have removed soil above the suspected breaking point.

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### **Response and Clean Up Efforts**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
  - Approximately 27 miles of coastline is being surveyed and protected.
  - Nearly 10 miles of coastline has been impacted from Gaviota to Coal Oil Point and about 30 miles offshore.
  - 12 sites have been identified as sensitive, all have been boomed.
  - The majority of oiling is located on beaches and in cobble riprap, between Arroyo Hondo and two (2) miles east El Capitan Beach. Additional pooling of oil exists east of the railroad tracks down to a depth of 30".
  - These areas have been targeted for light mechanical and manual removal.
  - 10,060 gallons of oily water mixture have been collected offshore. The remaining offshore oil exists within a thin sheen reducing the amount that can be collected via skimmers; therefore, offshore oil collection activities have been minimized. Onshore oil cleanup continues.
    - In addition, the following have been collected onshore:
      - 1,060 cubic yards of oily vegetation. 1,720 cubic yards of oily sand
      - 98 cubic yards of oiled equipment (including gloves, masks, Tyvek, etc.)
      - 2,140 cubic yards of oiled debris
  - Approximately 2,240 feet of hard boom and 1,840 feet of absorbent boom for a total of 4,080 feet of boom currently deployed.
  - An approximate 1460 cubic yards of soil has been excavated around the release area and workers continue to excavate area. 146 roll off containers have been filled to 10 cubic yards, and 30 have been transported to Freeport McMoran staging area.
  - Approximately 128 bins of oily soil mixture have been collected, 22 of these bins have been removed from the incident site. Each bin contains approximately 10 cubic yards of the oily soil mixture.
  - US EPA is reviewing options for cleaning the cobbled beach areas.
  - NOAA Trajectory analysis estimates for 05/26/15 at 0530 hours show an area of scattered light oil off the coast starting from Heritage to Holly located north of Santa Barbara.
  - Clean up efforts continue on a 24 hour schedule.



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### **Resources**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
- There are a total of 821 personnel from all organizations currently responding to the incident. There are 165 personnel in the ICP and 656 in field operations.
- There are 16 vessels available on scene to help with the response. Vessels not currently in use are being staged in the Ventura Harbor.
- There are 2 contracted aircraft deployed to this incident.
- Five Shoreline Clean Up Assessment Teams (SCATs) have been surveying shoreline to assess extent of impact and determine best method of clean up.
- Responsible Party has contracted with Patriot Environmental and Clean Seas Environmental to conduct cleanup operations.

### **Volunteers**

- OSPR is currently drafting a plan to use spontaneous volunteers to be approved by unified command. If approved, volunteers would be used to deliver information pamphlets and clean up beaches that are not yet contaminated. Cal Volunteers and Cal OES are coordinating with OSPR.
- The public can register to volunteer by visiting this website: <https://calspillwatch.dfg.ca.gov/Spill-Archive/Refugio-Incident/Volunteer>
- Oiled wildlife can be reported by calling 877-UCD-OWCN.
- OSPR's Convergent Volunteer toll free hot-line has been activated for information only.
- Santa Barbara County CERT volunteers are assisting the Santa Barbara EOC with logistical support, and in the field assisting with traffic control.
- California Fish and Wildlife Volunteers through a partnership with the California Conservation Corps continue to assist in beach clean-up.
- Cal OES continues to coordinate volunteer activities with Cal Volunteers, OSPR, the City of Santa Barbara, and Santa Barbara County OEM. An Emergency Volunteer Center is being established and hazmat training is being provided to volunteers. Volunteers are conducting beach cleaning operations on 05/26/15.
- Deployed staff is preparing volunteer coordination presentation for Santa Barbara County's Board of Supervisor meeting on 05/26/15.

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### **Public Information**

- Press conferences are scheduled through the weekend at 1400 hours.
- Joint Info Center (JIC) has been established.
- OSPR has an incident website that the JIC will be posting information to.
  - JIC WEBSITE: <http://www.refugioresponse.com>
  - Future media inquiries regarding Refugio State Beach oil spill should call: **805-696-1188**.
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619.
- Cal OES JIC staff have been working in coordination with JIC leadership and Unified Command to schedule a community open house regarding the oil spill response. The open house will be held on Saturday, 05/30/15 from 1100-1400 hours at the Elks Lodge #613 located at 150 North Kellog Avenue, Santa Barbara.

### **Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought
- Drought Task Force (DTF) Update 05/26/15 is attached.
- Drought Proclamation Continuation received from Fresno County requesting CDAA.

### **Weather of Concern**

- There are no significant Watches or Warnings in effect at this time

**Active Weather Warnings, Watches and Advisories by County:** [http://www.wrh.noaa.gov/sto/brief/wwa\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php)

# WEATHER

## WEATHER SYNOPSIS BY REGION:

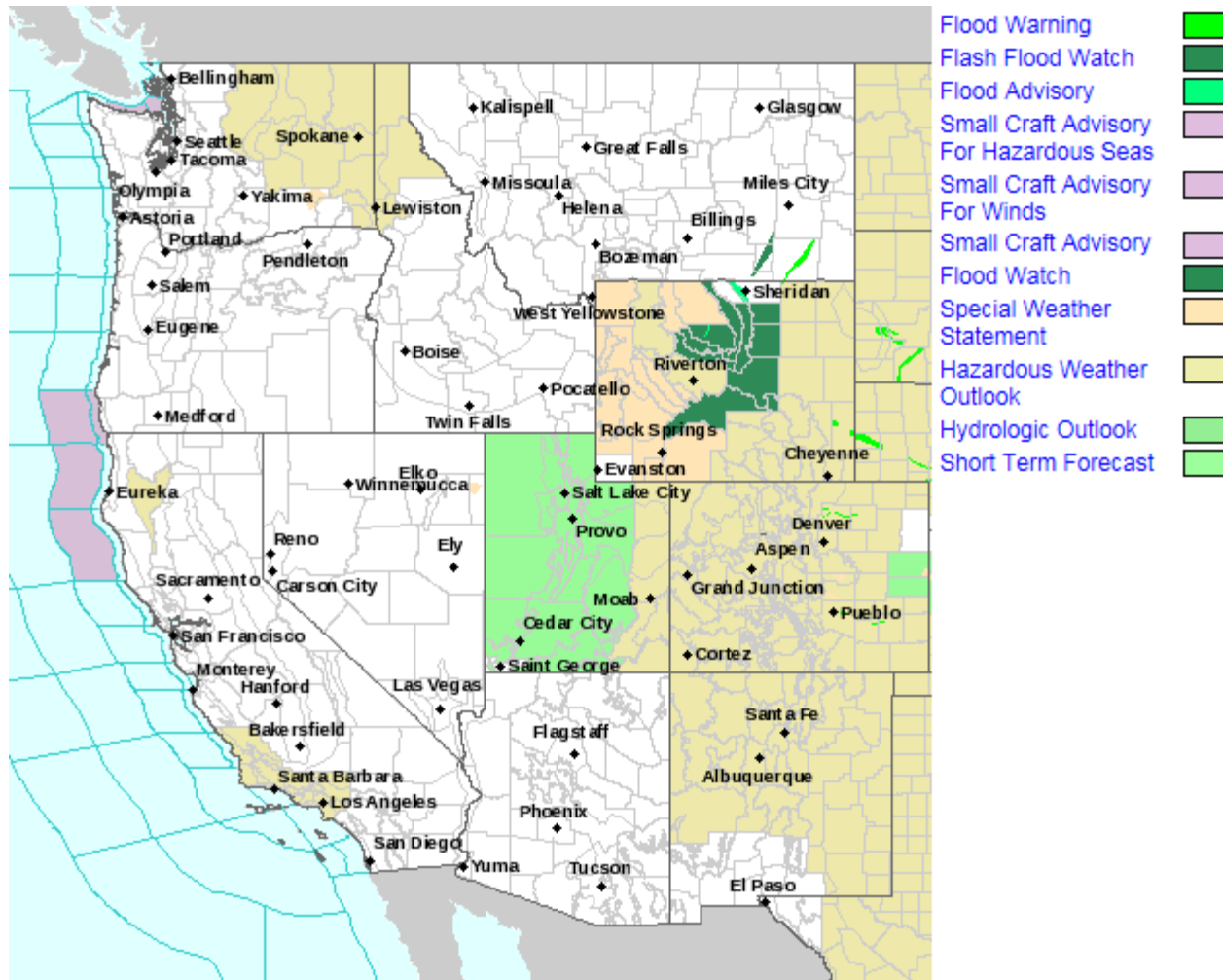
### **NORTHERN CALIFORNIA**

There will be a drying trend for many areas over the next week, but some unsettled conditions will continue for Northwest California in particular. A low over the Pacific Northwest will be moving slowly eastward today and Wednesday. Although high pressure will begin strengthening over the region Thursday, a weak trough will also be along the coast. All this will keep some instability over Northern California with more isolated afternoon and evening mountain thunderstorms expected. However, fewer are expected today compared to Monday, and even fewer expected Wednesday. About the same few numbers or thunderstorms are expected Thursday. The high pressure really strengthens Friday, and that is likely to be the warmest and driest day of the week for all areas. Afternoon highs inland will be as much as about 10 degrees above seasonal normals, which for the warmest valleys will be in the mid and upper 90s. A small chance of afternoon and evening mountain thunderstorms will persist in the northwest mountains Friday and possibly Saturday. Over the weekend a low pressure system will approach the coast, weaken the high pressure ridge and much cooler weather will arrive Monday with temperatures returning to seasonal normals. As the trough approaches the coast Sunday, some showers and thunderstorms are expected in the northwest corner of the state. Seasonable wind speeds and directions will prevail through the 7 day period.

### **SOUTHERN CALIFORNIA**

Moderate onshore surface gradients will maintain the pattern of widespread night and morning stratus along the coast and in the valleys today and Wednesday. Temperatures will remain a few degrees below normal with highs in the upper 50s to 60s in the mountains to the 70s in the valleys through the middle of the week. West winds of 15-25 mph with gusts to 35 mph will continue in the Antelope Valley into the Central Mojave as well as near the Banning Pass this afternoon. Isolated afternoon thunderstorms will be possible near the Crest and in the highest elevations of the Inyo National Forest the next two days. Late in the week, a ridge of high pressure is expected to build over the region. This will result in warmer, drier and less windy weather Friday and Saturday. Temperatures will likely climb into the lower 90s in the valleys by Friday with the first widespread 100 degree readings showing in the low deserts. Night through morning stratus will depart the valleys, but may still linger near the coast through the weekend. No thunderstorms are expected Friday through Sunday. A trough over the Pacific Northwest will lead to cooler, onshore flow returning next Monday.

# STATE WEATHER MAP



# **FIRE ACTIVITY**



## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 1

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>

# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.

# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

### **Local Emergency Proclamations:**

**A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*